## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE |  |  |
|---------------------------|----------|--------|------|--|--|
| FEE DETERMINATION         | -        |        | -    |  |  |
| O.I.P.E. CLASSIFIER       |          | ,      |      |  |  |
| FORMALITY REVIEW          |          |        |      |  |  |
| RESPONSE FORMALITY REVIEW |          |        |      |  |  |

## **INDEX OF CLAIMS**

| / | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
|   | Allowed                    | 1 | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
|   | Restricted                 | 0 | Objected     |

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| L.         | 4        | Ш             |                |          |              |          |          |              |              |  |                 |
| L          | 5        | Ø             | - 1            |          |              |          |          |              |              |  | Ш               |
|            | 6        | <b>(</b> 0)   |                |          |              |          |          |              |              |  |                 |
|            | 7        | W.            |                |          |              |          |          |              |              |  |                 |
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| 1          | 13       | ñ             | П              |          | Г            | Г        |          |              |              |  |                 |
| ۴-         | 14       | X             | Н              |          |              |          | $\vdash$ |              |              | М  | $\vdash \vdash$ |
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| -          | 15       |               | Ш              | <u> </u> | <b> </b>     | <u> </u> | Ш        |              |              |  | Ш               |
|            | 16       | _             | Ш              | L        |              |          | Ш        |              |              |  | Ш               |
| L          | 17       | L             |                |          | L            | L        |          |              |              |  |                 |
| Г          | 18       |               |                |          |              |          |          |              |              |  | П               |
| Г          | 19       |               |                |          |              |          |          |              |              |  | П               |
| -          |          | -             | Н              |          | -            | $\vdash$ |          | $\vdash$     | _            |  | Н               |
| L          | 20       |               | Ш              |          |              |          |          |              |              |  | Щ               |
|            | 21       |               |                |          |              |          |          |              |              |  | Ш               |
|            | 22       |               |                |          |              | П        |          |              |              |  | П               |
|            | 23       | <u> </u>      |                | _        | Т            |          |          |              | _            |  | $\square$       |
|            | 24       |               | Н              |          |              | -        |          |              |              | _  | Н               |
| ⊢          | ╄        | ļ             |                | _        |              | _        |          | <u> </u>     | -            | -  | Н               |
| _          | 25       |               |                |          |              | _        |          |              |              |  | Щ               |
|            | 26       | _             | Ш              |          |              |          |          |              |              |  |                 |
| [          | 27       |               | 1 1            |          |              |          |          |              |              |  |                 |
| Г          | 28       |               | П              |          |              |          |          |              |              |  |                 |
| ┢          | 29       | Н             | Н              |          | Т            | T        | т        |              | _            |  |                 |
| $\vdash$   | 30       |               | H              |          | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | Н            | $\vdash$   | Н               |
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| $\vdash$   | 31       | —             | Щ              |          | <u> </u>     | <u> </u> | Ш        | _            | L-           | _  | Ш               |
| L          | 32       |               |                |          | L            | L        |          |              |              | $ldsymbol{ld}}}}}}$ | Ш               |
|            | 33       | I _           |                |          |              | 1        |          |              |              |  |                 |
| Γ.         | 34       | Г             | П              | Г        | Г            |          | П        |              |              |  |                 |
| $\vdash$   | 35       | —             | $\vdash$       | _        |              |          | Н        |              | $\vdash$     | $\vdash$   | П               |
| $\vdash$   | 36       |               | <del>   </del> | $\vdash$ | $\vdash$     | $\vdash$ |          | -            | $\vdash$     | $\vdash$   | $\vdash$        |
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| <u> </u>   | 37       | _             | $\Box$         | <u> </u> | ╙            | _        | Ш        | ļ            | <u> </u>     | <u> </u>   | Щ               |
| L          | 38       | L             |                | L        | $oxed{oxed}$ |          |          | _            | $oxed{oxed}$ | 乚  | Ш               |
| Γ,         | 39       |               |                | Ι_       | _            | _        |          |              |              |  |                 |
| Ė          | 40       | -             | П              | Г        | П            |          |          | T            | Г            | Г  | П               |
|            |          | $\vdash$      | Н              | ⊢        | -            | ├        | $\vdash$ | $\vdash$     | -            | -  | Н               |
| <u>_</u>   | 41       | _             | _              |          | ┞            | <u> </u> | <u> </u> | _            | _            | <u> </u>   | Ш               |
| L          | 42       |               | L              | L        | L            | L        |          |              |              | L  |                 |
|            | 43       | Г             |                |          |              | Γ        |          |              |              |  |                 |
| ┰          | 44       |               | Т              | Г        | Π            | 1        |          | Г            | Г            | Г  |                 |
| ┼          | 45       | _             | $\vdash$       | -        | ╁            | $\vdash$ |          |              | -            | ┪  | Н               |
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| <u>.</u>   | 46       | -             | ┞              | <b>.</b> | ╙            | $\vdash$ | L        | <del> </del> | <u> </u>     | $\vdash$   | <u> </u>        |
| L          | 47       | _             |                |          | L_           |          | L        | L            | L            | L  |                 |
| Г          | 48       | Γ             |                |          | Γ            | Γ        | Γ        |              |              |  |                 |
| Г          | 49       | Т             | Т              |          | Π            | Τ        | П        | Г            |              |  | Г               |
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|                   | 51       | $\Box$       |   | П            |          |              |  | $\neg$       |              |          | _            |  |
|                   | 52       |              |   |              |          |              |  | $\neg$       |              |          |              |  |
| _                 | 53       |              | 一   |              |          |              |  |              |              | _        |              |  |
|                   | 54       |              | Н   |              |          |              |  | $\neg$       |              |          |              |  |
| -                 | 55       | $\vdash$     | -   |              |          | -            |  | $\exists$    |              |          |              |  |
| _                 | 56       |              | Н   |              |          | -            |  | $\exists$    |              | _        | _            |  |
| ├                 | 57       |              | H   |              | _        | -            |  |              |              | -        | $\vdash$     |  |
|                   | 58       |              |   | _            |          | -            | Н  |              |              | -        | $\vdash$     |  |
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| <u> </u>          | 59       |              | щ   |              | _        | $\vdash$     | _  | _            |              | _        | -            |  |
| <u> </u>          | 60<br>61 |              | $\vdash$  |              | _        | H            | _  | -            |              |          |              |  |
|                   | 62       | _            |   | Н            | -        | H            | _  |              | -            |          |              |  |
| <u> </u>          |          |              |   | L            | _        |              |  |              |              |          | ⊢            |  |
| <u> </u>          | 63       |              | igspace   | <u> </u>     |          |              |  |              | _            | ⊢        | <u> </u>     |  |
| $ldsymbol{f eta}$ | 64       |              |   |              |          | lacksquare   |  |              |              | <u> </u> | <u> </u>     |  |
| <u> </u>          | 65       | $oxed{oxed}$ | _   |              |          |              |  |              |              | <u> </u> | <u> </u>     |  |
| L_                | 66       | Ш            |   |              | <u> </u> |              |  |              |              | <u> </u> | L.           |  |
| L                 | 67       | _            |   |              | <u> </u> |              |  |              | L.           |          |              |  |
| L                 | 68       |              |   | L            | <u> </u> |              | _  |              |              | _        | _            |  |
|                   | 69       |              |   |              |          |              |  |              |              | L        |              |  |
|                   | 70       |              |   |              |          |              |  |              |              |          |              |  |
|                   | 71       |              |   |              |          |              |  |              |              |          | Г            |  |
|                   | 72       |              |   |              |          |              | $\vdash$   |              |              |          |              |  |
|                   | 73       |              |   |              | _        |              | i  |              |              |          |              |  |
| Г                 | 74       |              |   |              |          | $\vdash$     | $\vdash$   |              |              |          | _            |  |
| H                 | 75       | $\vdash$     |   |              | Η-       |              |  |              |              | _        |              |  |
| $\vdash$          | 76       | $\vdash$     |   | $\vdash$     | -        | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$     | -        | ┰            |  |
| -                 | 77       | $\vdash$     | <u> </u>  |              | _        |              | ┢  | -            | _            |          | ┢            |  |
| ┝                 | 78       |              | _   |              | -        |              | $\vdash$   |              | -            | $\vdash$ | $\vdash$     |  |
| ⊢                 | 79       | -            |   | ┢            | ┢╌       | $\vdash$     | <del>                                     </del> | ╁─           |              |          | -            |  |
| ⊢                 | 80       | -            |   | ┢            | ┢        | ┢            |  |              |              | $\vdash$ | -            |  |
| ⊢                 | 81       |              |   | -            |          |              | -  | $\vdash$     | -            |          | <del> </del> |  |
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|                   | 88       | <u> </u>     | <u> </u>  | L            | <u> </u> | _            |  | <u> </u>     | Ļ            | _        |              |  |
| ļ                 | 89       | <u> </u>     | _   | _            | _        | _            | _  | _            | _            | L        | ↓_           |  |
|                   | 90       | L            | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |              |          |              |  | L            | $oxed{oxed}$ | L        | L            |  |
|                   | 91       |              | L   | L            |          |              | <u>L</u> .                                       | <u>L</u>     | L            | L        | L            |  |
|                   | 92       |              |   |              |          |              |  |              |              | -        |              |  |
|                   | 93       |              |   |              |          | Γ            |  |              |              |          |              |  |
|                   | 94       | 1            |   | Γ            |          | Γ            |  |              |              |          | Γ            |  |
|                   | 95       | 1            |   |              |          |              | T  |              | Т            |          | 1            |  |
|                   | 96       | 1            |   |              |          |              |  |              |              |          |              |  |
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|       | 107      |          |                |          |          |          |                |          |          | П        |          |
|       | 108      |          | _              |          |          | -        |                |          |          |          |          |
|       | 109      |          |                |          |          |          |                |          |          |          |          |
|       | 110      |          |                |          |          |          |                |          |          |          | _        |
| _     | 111      |          |                |          |          |          |                |          |          |          |          |
|       | 112      |          |                |          |          |          |                |          |          |          |          |
|       | 113      |          |                |          | _        | П        |                |          |          |          |          |
| _     | 114      |          |                |          |          |          |                |          |          |          | П        |
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|       | 116      |          |                |          |          |          |                |          |          |          |          |
|       | 117      |          |                |          |          |          |                |          |          |          |          |
|       | 118      |          |                |          |          |          |                |          |          |          |          |
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|       | 121      | _        |                |          |          | _        | П              |          |          |          |          |
|       | 122      |          |                |          |          |          |                |          |          |          |          |
|       | 123      |          |                |          |          |          |                |          |          |          |          |
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|       | 128      |          |                |          |          |          | L.             |          |          | L        | L        |
|       | 129      |          |                |          |          | _        | <u></u>        | L.,      |          |          |          |
| _     | 130      |          |                |          |          | L.       |                |          | L_       |          |          |
|       | 131      |          |                |          |          | _        |                |          |          |          |          |
|       | 132      |          | 157            |          | L        | _        |                |          |          | L        | Ш        |
|       | 133      | <u> </u> | <u>L</u>       | L        | L        | <u> </u> | ļ              | L        | L        | L        | _        |
|       | 134      |          | _              | _        | L        | <u> </u> | ļ              | L        |          | L        | _        |
|       | 135      |          | _              | L        | <u> </u> | $\vdash$ |                | <u> </u> | L        | ļ        | $\vdash$ |
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|       | 137      |          | <u> </u>       | <u> </u> | -        | <u> </u> | <u> </u>       | <u> </u> | ┝        | <u> </u> | <u> </u> |
| _     | 138      |          | $\vdash$       | -        | <u> </u> | <u> </u> | ├              | <u> </u> | ├-       | $\vdash$ | -        |
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